Aspen X Assembly Manual

Warning:
Two people are required when lifting/moving the carton.

Introduction:

Congratulations on your purchase of a Woosh electric cycle. Your Woosh electric cycle comes mostly assembled, but obviously to enable the cycle to be flat-packed, some parts of the cycle require a small amount of assembly to be completed before use. This manual assumes you are reasonably competent with and have your own toolkit.

Disclaimer:
You are responsible for the correct assembly and ongoing maintenance of your cycle. Woosh Bikes Ltd. accepts no responsibility for any incidents that may arise as a result of bikes which have been poorly assembled/maintained by the end user. **All** steps in this booklet must be completed to ensure trouble-free and safe operation.

Maintenance:
You should regularly check your bike to ensure **ALL** fixings are correctly tightened and have not worked loose over time. Failure to do this could cause a cycle malfunction and result in safety issues for which Woosh Bikes Ltd. will not be held responsible.

Step 1 – Opening the carton.

Keep the carton upright, remove the shipping straps and cut the tape seals. Remove the wheel from the carton, being careful not scratch the bike as you do this. Now lift the bike out of the carton and lean it against a sturdy surface/wall. Do not destroy the carton as it will be required if the bike needs to be returned for any reason in the future.

Step 2 – Unpacking

Cut the cable ties and detach the pedals, handlebars and charger etc. from the bike, and then remove the remaining packaging materials.
Once the packaging has been removed, undo the bolts that hold the handle-bar clamp in place and remove the clamp. Line up the handle-bars and then replace the clamp to secure the handle-bars in place. There is a ribbed section on the handle-bars, this should sit centrally within the bracket.

Step 3 – Front Wheel

Lift the front of the bike slightly and remove the protective plastic from the front forks. Place front of bike gently back down.

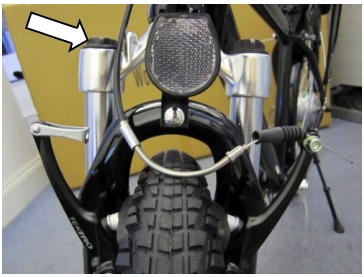
Fetch the front wheel and loosen off the fixings on either side if necessary to allow the wheel to be fitted. You may wish to turn the bike upside down to fit the wheel, but if you aren't able to, follow the steps below.

Lift the front of the bike holding the bike frame and then carefully lower the bike onto the wheel ensuring that the wheel is seated in the correct position.
Finger tighten the nuts/clamp on either side of the wheel so that when the clamp is engaged, the wheel is fully secured
You can now use the 'bike stand' to keep the bike upright.

Step 4 – Front Brakes

Fit the curved metal section into the receptacle on the left of the brake assembly. You may need to loosen the cable clamp on the right side of the brake assembly to do this. Re-tighten the brake cable clamp ensuring the correct tension and the correct position of the brake-pads with relation to the wheel rim. You may need to adjust the position of the brake pads, use the supplied Allen key to do this. For a guide on adjusting your brakes, see the support section of our website at www.wooshbikes.co.uk

Now is a good time to release the front suspension which is locked for transit purposes, this is done by twisting the cap above the right fork. Failure to observe this step will result in an uncomfortable ride and excessive rattling of the bike.

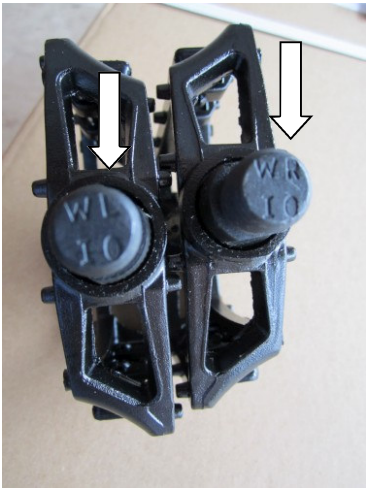


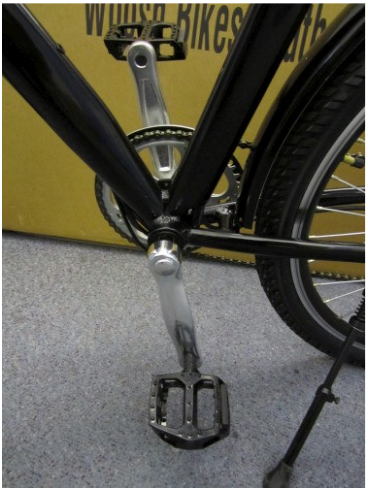
Step 5 – Saddle

The saddle is already fitted, but to adjust the height of the saddle, open the clamp and position the saddle at the desired height and then close the clamp to lock the saddle into position. It may be necessary to tighten the thumb screw a little to ensure that when the clamp is closed the saddle is properly secured.

Step 6 - Pedals

The pedals are designed to fit on a specific side of the bike, do NOT attempt to fit the pedals without first checking which side of the bike the pedal is meant for. To identify which pedal goes on which side. The ‘R’ and ‘L’ indicates which side of the bike the pedal should be fitted to.
Fit each pedal into position and hand tighten. Once each pedal has been tightened nearly all the way in by hand, use the 15mm spanner to fully secure the pedals in place.
Note: turn the **left** pedal counter-clockwise to tighten.





Step 8 – Front Mudguard

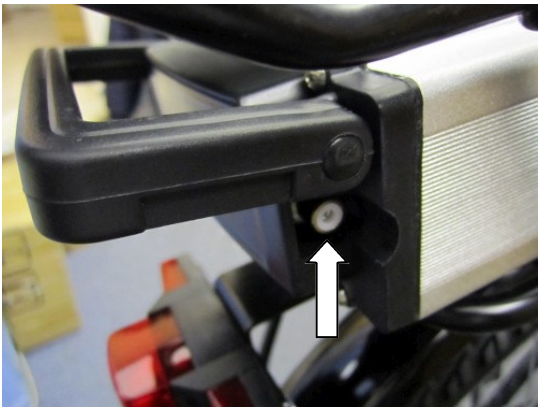
Remove the packaging from the mudguard if you haven't already done so.
Remove the nut from the bolt just behind the front brake assembly, this also secures the light, so be careful not to let the light fall. The metal tag of the mudguard needs to be fitted **between** the front light fixing and the bike frame as shown below. Finger tighten the nut back into position.

Before fitting the silver arms to the bike, you will need to remove the supplied nut/bolt from the bike and discard them, and instead use the nylon spacer(s) and bolt shown below.

Position the bolt and spacer(s) as shown and then offer up the bolt to the bike and tighten the bolt.

You will need to hold the light in place at the same time as securing the top section of the mudguard.
For the best clearance between the tyre and mudguard, when securing the tag at the top of the mudguard, it should be at it's highest position. It may be useful to wedge something between the tyre and mudguard to make this step easier.

Charging the battery:
To recharge the battery, lift the handle on the battery at the rear of the bike, attach the charger to the socket on the right side of the battery as shown below. Plug the other end into the mains. The battery does not have to be removed from the bike to be charged, but it can be removed and charged in another location if you prefer.
There is a small indicator on the charger which glows red while charging and changes to green when charging is complete.



Before attempting to ride the bike, please be sure to completely read and understand the user-manual which was included with your bike.

Essential extra steps that must be taken before riding the bike (and also regularly thereafter):

All items on the bike should be double checked to ensure that all parts are correctly fitted and that all the nuts and bolts are as tight as they should be. This step should be repeated after one week of use, and then at regular intervals thereafter.

The tyres need to checked/pumped up. The pressure range is between 40 to 65 psi depending on the weight of the user. It is essential that the tyres are regularly checked to ensure the pressures are correct, failure to do this will shorten the life of your bike and will cause additional stress to the components of the bike.

Electric bikes due to their nature stress the various components of the bike far more than a regular bike and for this reason the spokes must be checked regularly (every 200 miles) to ensure they are not loose, and if necessary the spokes must be tightened and the wheel trued. Failure to observe this step could result in issues with/and potential failure of the rear wheel/spokes. The tool for truing/ tightening the spokes can be purchased from most bike shops for approx. £3 For details on how to true your wheels, see the support section of our website at www.wooshbikes.co.uk Alternatively, your local bike shop would be able to do this for you for a small charge.

The brakes need to be checked to ensure they are operating correctly, and if necessary adjusted to ensure optimum performance.

If you are unsure about how to carry out any of the steps, you should contact your local bike shop and arrange for them to assist you.

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